

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"361"/\$.ccls. and (power adj outage) and ((lift\$4 or elevator) with (driv\$3 or motor) with ((shut adj down) or disconnect\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:00
S2	1016	"361"/23.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 15:26
S3	1	S2 and (power near2 outage) and (lift\$4 or elevator) and ((driv\$3 or motor) with ((shut\$4 adj down) or disconnect\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 16:22
S4	669	(matrix adj converter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 16:23
S5	364	S4 and (motor or driv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 16:26
S6	1	S5 and ((switch near6 isolat\$6) with (power or supply\$3) with (matrix adj converter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:00
S7	31	S5 and (lift\$4 or elevator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 16:33
S8	7	S4 and (puls\$3 adj2 resistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 16:34
S9	0	S5 and ((switch near6 isolat\$6) with (power or supply\$3) with (matrix adj inverter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 16:56
S10	0	"361"/\$.ccls. and (power adj outage) and (lift\$4 or elevator) and ((driv\$3 or motor) with (inverter or converter) with ((shut\$5 adj2 down) or disconnect\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:02
S11	1	(capacitor with (delta or star) with (connect\$6 or configurat\$6) )and (power adj outage) and (lift\$4 or elevator) and ((driv\$3 or motor) with (inverter or converter) with ((shut\$5 adj2 down) or disconnect\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:03

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S12	0	"363"/\$.ccls. and (capacitor with (delta or star) with (connect\$6 or configurat\$6)) and (power adj2 outage) and ((driv\$3 or motor) with (inverter or converter) with ((shut\$5 adj2 down) or disconnect\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:04
S13	3	(capacitor with (delta or star) with (connect\$6 or configurat\$6)) and (power adj2 outage) and ((driv\$3 or motor) with (inverter or converter) with ((shut\$5 adj2 down) or disconnect\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:23
S14	2	S13 not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:21
S15	821	361/1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:21
S16	605	361/88.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:21
S17	717	361/92.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:22
S18	536	307/130.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:22
S19	449	307/31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:22
S20	1426	307/112.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:23
S21	4467	S15 or S16 or S17 or S18 or S19 or S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:23
S22	0	S21 and (power or supply\$3) and (switch\$6 near3 unit) and (resist\$4 near3 unit) and (capacitor near3 unit) and ((matrix adj converter) or inverter) and (motor or driv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:26

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S23	26	S21 and (power or supply\$3) and link\$3 and switch\$6 and resist\$4 and capacitor and ((matrix adj converter) or inverter) and (motor or driv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:29
S24	12	S23 and ((power adj2 outage) or (power near4 (interrupt\$6 or disconnect\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:39
S25	1	S21 and ((\$5controller or \$5processor) with (matrix adj converter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:37
S26	71	(((\$5controller or \$5processor) with (matrix adj converter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:38
S27	4	S26 and ((power adj2 outage) or (power near4 (interrupt\$6 or disconnect\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:41
S28	67	S26 not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 17:41
S29	6	("3961154"   "4599685"   "4984147"   "5541827"   "5706186"   "5852551").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 18:08
S30	1	("RE38439").URPN.	USPAT	OR	ON	2007/07/12 18:12
S31	2	("5949672"   "6333569").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 18:13
S32	0	("6704215").URPN.	USPAT	OR	ON	2007/07/12 18:17
S33	9	(matrix adj converter) and ((multiple or plurality) near3 capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/12 18:18
S34	84	((power. near2 outage) with (detect\$6 or recogniz\$3 or monitor\$3)) and ((driv\$3 or motor) with ((shut\$4 adj down) or disconnect\$6 or brak\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 14:02
S35	27	S34 and (switch\$6 near6 (open or disconnect\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 11:31
S36	5	S34 and (capacitor with (multiple or plurality))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 11:32

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S37	54	S34 and (resist\$6 or induct\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 11:33
S38	3	S34 and (matrix adj converter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 11:33
S39	3	S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 11:34
S40	4	S35 and S36 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 11:34
S41	3	((power near2 outage) with (detect\$6 or recogniz\$3 or monitor\$3)) and ((driv\$3 or motor) with ((shut\$4 adj2 down) or disconnect\$6 or brak\$3)) and (matrix adj converter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 14:03
S42	4	(power near2 outage) and (matrix adj converter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 14:03
S43	1	S42 not S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 14:51
S44	13	(power adj2 outage) and cycloconverter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:05
S45	114487	(voltage near6 capacit\$5) and (voltage near6 (resist\$5 or induct\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:07
S46	6	S44 and (voltage near6 capacit\$5) and (voltage near6 (resist\$5 or induct\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:39
S47	2	"5949672".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:39
S48	0	S47 and outage and converter and capacitor and resist\$6 and switch\$6 and (load or motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:40

## EAST Search History

S49	0	S47 and (power near3 (interrupt\$6 or disconnect\$6)) and converter and capacitor and resist\$6 and switch\$6 and (load or motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:42
S50	1426	((power near3 (outage or interrupt\$6 or disconnect\$6)) with (detect\$6 or signal or monitor or sens\$3)) and ((elevator or lift or conveyer or load or motor) with ((speed or velocity) near6 (control\$3 or regulat\$6 or zero or brak\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:49
S51	0	S50 and (cycloconverter or (matrix adj2 converter)) and (capacitor near3 (multiple or plurality)) and (voltage near3 capacitor) and (voltage near3 (resist\$6 or induct\$6)) and ((power or supply) with disconnect\$6 with switch\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:53
S52	0	S50 and (cycloconverter or (matrix adj2 converter)) and (undervoltage near3 protect\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:54
S53	11	S50 and (cycloconverter or (matrix adj2 converter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:54
S54	7	S53 and ((interrupt\$6 or discontin\$8) with (supply\$3 or power))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/13 15:55